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pub-date > 1993 and pub-date < 2005 and laminate w/15 (ply or plies) and stack! w/15 plies  
and laminate w/15 zone\* and reduc! w/15 edges

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*Composites Part A: Applied Science and Manufacturing, Volume 33, Issue 12, December 2002, Pages 1653-1664*  
 M. Grassi, X. Zhang and M. Meo  
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2. ☐ **STAGS computational procedure for progressive failure analysis of laminated composite structures • ARTICLE**  
*International Journal of Non-Linear Mechanics, Volume 37, Issues 4-5, June 2002, Pages 833-849*  
 Norman F. Knight, Jr. , Charles C. Rankin and Frank A. Brogan  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(867 K\)](#)

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3. ☐ **Model of multilayered materials for interface stresses estimation and validation by finite element calculations • ARTICLE**  
*Mechanics of Materials, Volume 34, Issue 4, April 2002, Pages 217-230*  
 R. P. Carreira, J. F. Caron and A. Diaz Diaz  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(430 K\)](#)

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4. ☐ **Tapered laminates under static and fatigue tension loading • ARTICLE**  
*Composites Science and Technology, Volume 62, Issue 4, March 2002, Pages 597-603*  
 G. Meirinhos, J. Rocker, J-P. Cabanac and J. -J. Barrau  
[SummaryPlus](#) | [Full Text + Links](#) | [PDF \(321 K\)](#)

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5. ☐ **Effect of impact damage on the compressive response of composite laminates • ARTICLE**  
*Composites Part A: Applied Science and Manufacturing, Volume 32, Issue 9, September 2001, Pages 1263-1270*  
 V. J. Hawyes, P. T. Curtis and C. Soutis

SummaryPlus | Full Text + Links | PDF (538 K)

6. ☐ **A parametric study of the impact response and damage of laminated cylindrical composite shells • ARTICLE**  
*Composites Science and Technology, Volume 61, Issue 12, September 2001, Pages 1655-1669*  
 K. S. Krishnamurthy, P. Mahajan and R. K. Mittal  
 SummaryPlus | Full Text + Links | PDF (403 K)

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7. ☐ **Design and analysis of mechanically fastened composite joints and repairs • ARTICLE**  
*Engineering Analysis with Boundary Elements, Volume 25, Issue 6, June 2001, Pages 431-441*  
 Jin Min Zhang  
 SummaryPlus | Full Text + Links | PDF (241 K)

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8. ☐ **Mode separation of energy release rate for delamination in composite laminates using sublaminates • ARTICLE**  
*International Journal of Solids and Structures, Volume 38, Issue 15, April 2001, Pages 2597-2613*  
 Z. Zou, S. R. Reid, P. D. Soden and S. Li  
 SummaryPlus | Full Text + Links | PDF (383 K)

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9. ☐ **Modelling of splitting and delamination in notched cross-ply laminates • ARTICLE**  
*Composites Science and Technology, Volume 60, Issue 15, November 2000, Pages 2849-2856*  
 Michael R. Wisnom and Fu-Kuo Chang  
 SummaryPlus | Full Text + Links | PDF (248 K)

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10. ☐ **A method for predicting the fracture toughness of CFRP laminates failing by fibre microbuckling • ARTICLE**  
*Composites Part A: Applied Science and Manufacturing, Volume 31, Issue 7, July 2000, Pages 733-740*  
 C. Soutis and P. T. Curtis  
 SummaryPlus | Full Text + Links | PDF (469 K)

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11. ☐ **Flexural failure of notched curved composite beams • ARTICLE**  
*Engineering Fracture Mechanics, Volume 54, Issue 4, July 1996, Pages 479-489*  
 Bryan A. Cheeseman, Michael H. Santare and Brendan J. O'Toole  
 Abstract | Abstract + References | PDF (1351 K)

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12. ☐ **Synergism between layer cracking and delaminations in multidirectional laminates of carbon-fibre-reinforced epoxy • ARTICLE**  
*Composites Science and Technology, Volume 50, Issue 3, 1994, Pages 343-354*  
 H. Eggers, H. C. Goetting and H. Bäuml  
 Abstract

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13. ☐ **Delamination of Polymer Matrix Composites: Problems and Assessment**  
*Comprehensive Composite Materials, 2003, Chapter 2.13, Pages 433-528*  
 N. J. PAGANO and G. A. SCHOEPPNER

[SummaryPlus](#) | [Chapter](#) | [PDF \(3151 K\)](#)

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pub-date > 1993 and pub-date < 2005 and laminate w/15 (ply or plies) and stack! w/15 plies  
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- #2 ((lamine<sentence>(ply or plies) and stack\$<paragraph>plies)<in>metadata)
- #3 ((lamine<sentence>(ply or plies) and stack\$<paragraph>plies)<in>metadata)

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» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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- ☐ 1. **Anisotropy of the elastic properties of cross-ply fiber-reinforced composite materials**  
 Lhermitte, T.D.; Perrin, B.;  
[Ultrasonics Symposium, 1991, Proceedings., IEEE 1991](#)  
 8-11 Dec. 1991 Page(s):825 - 830 vol.2  
 Digital Object Identifier 10.1109/ULTSYM.1991.234076  
[AbstractPlus](#) | Full Text: [PDF](#)(436 KB) IEEE CNF  
[Rights and Permissions](#)
- ☐ 2. **Hierarchical genetic algorithms for composite laminate panels stress optimisation**  
 Isasi, P.; Sanchis, A.; Molina, J.M.; Berlanga, A.;  
[Systems, Man, and Cybernetics, 1999, IEEE SMC '99 Conference Proceedings, 1999 IEEE Internat](#)  
 Volume 4, 12-15 Oct. 1999 Page(s):447 - 451 vol.4  
 Digital Object Identifier 10.1109/ICSMC.1999.812445  
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John Colter, Netscape Navigator

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"museum of natural history" "museum of modern art"

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museum +art

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<input type="checkbox"/>	L4	(laminate same (plies or ply)) and (stack\$ with plies) and (laminate same zone?)	24
<input type="checkbox"/>	L3	L2 and (stack\$ same plies)	8
<input type="checkbox"/>	L2	L1 and ((plies or ply) same laminate) and zone?	22
<input type="checkbox"/>	L1	chen.in. and laminate and (ply or plies)	88

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☐ 1. Document ID: US 20050163975 A1

L3: Entry 1 of 8

File: PGPB

Jul 28, 2005

PGPUB-DOCUMENT-NUMBER: 20050163975

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050163975 A1

TITLE: Composite stacking sequence optimization for multi-zoned composites

PUBLICATION-DATE: July 28, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Chen</u> , Bing-Chung	Thousand Oaks	CA	US
Eastland, Christopher C.	Kenmore	WA	US
Hanson, Christopher T.	Kirkland	WA	US

US-CL-CURRENT: [428/192](#); [428/157](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw De
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☐ 2. Document ID: US 20020107495 A1

L3: Entry 2 of 8

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020107495

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020107495 A1

TITLE: Dual-zoned absorbent webs

PUBLICATION-DATE: August 8, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Chen</u> , Fung-Jou	Appleton	WI	US
Lindsay, Jeffrey Dean	Appleton	WI	US
Kamps, Richard Joseph	Wrightstown	WI	US
Lake, Andrew Michael	Combined Locks	WI	US
Robinson, Mark Louis	Appleton	WI	US



US-CL-CURRENT: [604/365](#); [604/374](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWOC	Draw. Da
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☐ 3. Document ID: US 20020103469 A1

L3: Entry 3 of 8

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020103469

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020103469 A1

TITLE: Dual-zoned absorbent webs

PUBLICATION-DATE: August 1, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Chen</u> , Fung-jou	Appleton	WI	US
Lindsay, Jeffrey Dean	Appleton	WI	US
Kamps, Richard Joseph	Wrightstown	WI	US
Lake, Andrew Michael	Combined Locks	WI	US
Robinson, Mark Louis	Appleton	WI	US

US-CL-CURRENT: [604/374](#); [604/375](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWOC	Draw. Da
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☐ 4. Document ID: US 20020099347 A1

L3: Entry 4 of 8

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020099347

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020099347 A1

TITLE: Dual-zoned absorbent webs

PUBLICATION-DATE: July 25, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Chen</u> , Fung-jou	Appleton	WI	US
Lindsay, Jeffrey Dean	Appleton	WI	US
Kamps, Richard Joseph	Wrightstown	WI	US
Lake, Andrew Michael	Combined Locks	WI	US
Robinson, Mark Louis	Appleton	WI	US

US-CL-CURRENT: [604/369](#); [604/358](#), [604/378](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw Da
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☐ 5. Document ID: US 6911573 B2

L3: Entry 5 of 8

File: USPT

Jun 28, 2005

US-PAT-NO: 6911573

DOCUMENT-IDENTIFIER: US 6911573 B2

TITLE: Dual-zoned absorbent webs

DATE-ISSUED: June 28, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Fung-jou	Appleton	WI		
Lindsay; Jeffrey Dean	Appleton	WI		
Kamps; Richard Joseph	Wrightstown	WI		
Lake; Andrew Michael	Combined Locks	WI		
Robinson; Mark Louis	Appleton	WI		

US-CL-CURRENT: 604/378; 156/209, 156/245, 162/109, 428/131, 604/385.01, 604/385.101

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw Da
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☐ 6. Document ID: US 6395957 B1

L3: Entry 6 of 8

File: USPT

May 28, 2002

US-PAT-NO: 6395957

DOCUMENT-IDENTIFIER: US 6395957 B1

TITLE: Dual-zoned absorbent webs

DATE-ISSUED: May 28, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Fung-jou	Appleton	WI		
Lindsay; Jeffrey Dean	Appleton	WI		
Kamps; Richard Joseph	Wrightstown	WI		
Lake; Andrew Michael	Combined Locks	WI		
Robinson; Mark Louis	Appleton	WI		

US-CL-CURRENT: 604/381; 442/79, 442/86, 604/385.01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw Da
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☐ 7. Document ID: US 5990377 A

L3: Entry 7 of 8

File: USPT

Nov 23, 1999

US-PAT-NO: 5990377

DOCUMENT-IDENTIFIER: US 5990377 A

TITLE: Dual-zoned absorbent webs

DATE-ISSUED: November 23, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Chen</u> ; Fung-jou	Appleton	WI		
Lindsay; Jeffrey Dean	Appleton	WI		
Kamps; Richard Joseph	Wrightstown	WI		
Lake; Andrew Michael	Combined Locks	WI		
Robinson; Mark Louis	Appleton	WI		

US-CL-CURRENT: 604/381; 442/79, 442/86, 604/385.101

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RMK	Draw. De
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☐ 8. Document ID: US 5865824 A

L3: Entry 8 of 8

File: USPT

Feb 2, 1999

US-PAT-NO: 5865824

DOCUMENT-IDENTIFIER: US 5865824 A

TITLE: Self-texturing absorbent structures and absorbent articles made therefrom

DATE-ISSUED: February 2, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Chen</u> ; Fung-jou	Appleton	WI	54915	
Lindsay; Jeffrey Dean	Appleton	WI	54915	

US-CL-CURRENT: 604/378; 604/384, 604/385.12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RMK	Draw. De
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☐ 1. Document ID: US 20050163975 A1

L4: Entry 1 of 24

File: PGPB

Jul 28, 2005

PGPUB-DOCUMENT-NUMBER: 20050163975

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050163975 A1

TITLE: Composite stacking sequence optimization for multi-zoned composites

PUBLICATION-DATE: July 28, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chen, Bing-Chung	Thousand Oaks	CA	US
Eastland, Christopher C.	Kenmore	WA	US
Hanson, Christopher T.	Kirkland	WA	US

US-CL-CURRENT: [428/192](#); [428/157](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Ds
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☐ 2. Document ID: US 20050118445 A1

L4: Entry 2 of 24

File: PGPB

Jun 2, 2005

PGPUB-DOCUMENT-NUMBER: 20050118445

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050118445 A1

TITLE: Laminated structures with superior impact resistance and process for making same

PUBLICATION-DATE: June 2, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wong, Bert C.	Hockessin	DE	US
Smith, C. Anthony	Vienna	WV	US

US-CL-CURRENT: [428/516](#); [428/212](#), [428/218](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw Da
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☐ 3. Document ID: US 20030087973 A1

L4: Entry 3 of 24

File: PGPB

May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030087973

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030087973 A1

TITLE: Fiber-reinforced recycled thermoplastic composite and method

PUBLICATION-DATE: May 8, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Muzzy, John D.	Atlanta	GA	US

US-CL-CURRENT: 521/48; 428/105, 428/34.7, 428/74, 428/95, 521/40.5, 521/45.5,  
521/47, 521/49.8, 523/222

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw Da
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☐ 4. Document ID: US 20020107495 A1

L4: Entry 4 of 24

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020107495

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020107495 A1

TITLE: Dual-zoned absorbent webs

PUBLICATION-DATE: August 8, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chen, Fung-Jou	Appleton	WI	US
Lindsay, Jeffrey Dean	Appleton	WI	US
Kamps, Richard Joseph	Wrightstown	WI	US
Lake, Andrew Michael	Combined Locks	WI	US
Robinson, Mark Louis	Appleton	WI	US

US-CL-CURRENT: 604/365; 604/374

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw Da
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☐ 5. Document ID: US 20020103469 A1

L4: Entry 5 of 24

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020103469  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020103469 A1

TITLE: Dual-zoned absorbent webs

PUBLICATION-DATE: August 1, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chen, Fung-jou	Appleton	WI	US
Lindsay, Jeffrey Dean	Appleton	WI	US
Kamps, Richard Joseph	Wrightstown	WI	US
Lake, Andrew Michael	Combined Locks	WI	US
Robinson, Mark Louis	Appleton	WI	US

US-CL-CURRENT: [604/374](#); [604/375](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K00C	Draw Dg
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☐ 6. Document ID: US 20020099347 A1

L4: Entry 6 of 24

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020099347  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020099347 A1

TITLE: Dual-zoned absorbent webs

PUBLICATION-DATE: July 25, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chen, Fung-jou	Appleton	WI	US
Lindsay, Jeffrey Dean	Appleton	WI	US
Kamps, Richard Joseph	Wrightstown	WI	US
Lake, Andrew Michael	Combined Locks	WI	US
Robinson, Mark Louis	Appleton	WI	US

US-CL-CURRENT: [604/369](#); [604/358](#), [604/378](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	K00C	Draw Dg
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☐ 7. Document ID: US 20010048048 A1

L4: Entry 7 of 24

File: PGPB

Dec 6, 2001

PGPUB-DOCUMENT-NUMBER: 20010048048  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010048048 A1

TITLE: BACKSIDE FITTING ATTACHMENT FOR NACELLE ACOUSTIC PANELS

PUBLICATION-DATE: December 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
RIEDEL, BRIAN L	AUGUSTA	KS	US
STRUNK, JOHN T	DERBY	KS	US
CLARK, RANDALL R	WICHITA	KS	US

US-CL-CURRENT: 244/53B

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Da
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8. Document ID: US 20010018118 A1

L4: Entry 8 of 24

File: PGPB

Aug 30, 2001

PGPUB-DOCUMENT-NUMBER: 20010018118  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010018118 A1

TITLE: Fiber-reinforced recycled thermoplastic composite and method

PUBLICATION-DATE: August 30, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Muzzy, John D.	Atlanta	GA	US
Holty, David W.	Big Canoe	GA	US
Eckman, Douglas C.	Woodstock	GA	US
Stoll, John R.	Suwanee	GA	US

US-CL-CURRENT: 428/295.1; 428/297.4, 428/332, 428/474.4, 428/480, 428/500, 428/521,  
428/523, 524/27, 524/34, 524/35, 524/575, 524/582, 524/583, 524/585, 524/601,  
524/606

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Da
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9. Document ID: US 7010472 B1

L4: Entry 9 of 24

File: USPT

Mar 7, 2006

US-PAT-NO: 7010472  
DOCUMENT-IDENTIFIER: US 7010472 B1

TITLE: Knowledge driven composite design optimization process and system therefor

DATE-ISSUED: March 7, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vasey-Glandon; Virginia M.	Florissant	MO		US
Kunkee; Duane	Florissant	MO		US

US-CL-CURRENT: 703/6; 700/97, 700/98, 703/1, 703/7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Structure	Abstract	Claims	KNOW	Draw De
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☐ 10. Document ID: US 6911573 B2

L4: Entry 10 of 24

File: USPT

Jun 28, 2005

US-PAT-NO: 6911573

DOCUMENT-IDENTIFIER: US 6911573 B2

TITLE: Dual-zoned absorbent webs

DATE-ISSUED: June 28, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Fung-jou	Appleton	WI		
Lindsay; Jeffrey Dean	Appleton	WI		
Kamps; Richard Joseph	Wrightstown	WI		
Lake; Andrew Michael	Combined Locks	WI		
Robinson; Mark Louis	Appleton	WI		

US-CL-CURRENT: 604/378; 156/209, 156/245, 162/109, 428/131, 604/385.01, 604/385.101

Full	Title	Citation	Front	Review	Classification	Date	Reference	Structure	Abstract	Claims	KNOW	Draw De
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☐ 11. Document ID: US 6756412 B2

L4: Entry 11 of 24

File: USPT

Jun 29, 2004

US-PAT-NO: 6756412

DOCUMENT-IDENTIFIER: US 6756412 B2

TITLE: Fiber-reinforced recycled thermoplastic composite and method

DATE-ISSUED: June 29, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Muzzy; John D. Atlanta GA

US-CL-CURRENT: 521/48; 264/37.1, 428/34.7, 428/74, 428/95, 428/97, 521/40.5,  
521/45.5, 521/47, 521/49.8, 523/222

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Keywords	Drawings
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☐ 12. Document ID: US 6454893 B1

L4: Entry 12 of 24

File: USPT

Sep 24, 2002

US-PAT-NO: 6454893

DOCUMENT-IDENTIFIER: US 6454893 B1

TITLE: Method of shaping continuous fiber lamina to an undulated surface by cutting individual fibers

DATE-ISSUED: September 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McKague, Jr.; Elbert Lee	Fort Worth	TX		

US-CL-CURRENT: 156/166; 156/180, 156/210, 156/264

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Keywords	Drawings
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☐ 13. Document ID: US 6395957 B1

L4: Entry 13 of 24

File: USPT

May 28, 2002

US-PAT-NO: 6395957

DOCUMENT-IDENTIFIER: US 6395957 B1

TITLE: Dual-zoned absorbent webs

DATE-ISSUED: May 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Fung-jou	Appleton	WI		
Lindsay; Jeffrey Dean	Appleton	WI		
Kamps; Richard Joseph	Wrightstown	WI		
Lake; Andrew Michael	Combined Locks	WI		
Robinson; Mark Louis	Appleton	WI		

US-CL-CURRENT: 604/381; 442/79, 442/86, 604/385.01

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Keywords	Drawings
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☐ 14. Document ID: US 6387967 B2

L4: Entry 14 of 24

File: USPT

May 14, 2002

US-PAT-NO: 6387967

DOCUMENT-IDENTIFIER: US 6387967 B2

TITLE: Fiber-reinforced recycled thermoplastic composite and method

DATE-ISSUED: May 14, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Muzzy; John D.	Atlanta	GA		
Holty; David W.	Big Canoe	GA		
Eckman; Douglas C.	Woodstock	GA		
Stoll; John R.	Suwanee	GA		

US-CL-CURRENT: 521/48; 264/37.1, 428/34.7, 428/74, 428/95, 428/97, 521/40.5,  
521/45.5, 521/47, 521/49.8, 523/222

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMOC	Draw De
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☐ 15. Document ID: US 6341261 B1

L4: Entry 15 of 24

File: USPT

Jan 22, 2002

US-PAT-NO: 6341261

DOCUMENT-IDENTIFIER: US 6341261 B1

TITLE: Knowledge driven composite design optimization process and system therefor

DATE-ISSUED: January 22, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vasey-Glandon; Virginia M.	Florissant	MO		
Hale; Richard D.	St. Louis	MO		
Schmitz; Jeffrey J.	St. Charles	MO		

US-CL-CURRENT: 703/6; 345/420, 700/182, 703/7

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMOC	Draw De
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☐ 16. Document ID: US 6271270 B1

L4: Entry 16 of 24

File: USPT

Aug 7, 2001

US-PAT-NO: 6271270

DOCUMENT-IDENTIFIER: US 6271270 B1

TITLE: Fiber-reinforced recycled thermoplastic composite

DATE-ISSUED: August 7, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Muzzy; John D.	Atlanta	GA		
Holty; David W.	Big Canoe	GA		
Eckman; Douglas C.	Woodstock	GA		
Stoll; John R.	Suwanee	GA		

US-CL-CURRENT: 521/48; 264/37.1, 428/34.7, 428/74, 428/903.3, 428/95, 428/97,  
442/391, 442/392, 521/40.5, 521/45.5, 521/47, 521/49.8, 523/222

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Keywords	Drawings
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☐ 17. Document ID: US 6265333 B1

L4: Entry 17 of 24

File: USPT

Jul 24, 2001

US-PAT-NO: 6265333

DOCUMENT-IDENTIFIER: US 6265333 B1

TITLE: Delamination resistant composites prepared by small diameter fiber reinforcement at ply interfaces

DATE-ISSUED: July 24, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dzenis; Yuris A.	Lincoln	NE		
Reneker; Darrell H.	Akron	OH		

US-CL-CURRENT: 442/346; 156/276, 428/300.7, 428/903, 442/381, 442/392

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	Keywords	Drawings
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☐ 18. Document ID: US 5990377 A

L4: Entry 18 of 24

File: USPT

Nov 23, 1999

US-PAT-NO: 5990377

DOCUMENT-IDENTIFIER: US 5990377 A

TITLE: Dual-zoned absorbent webs

DATE-ISSUED: November 23, 1999